

**California Department of Transportation  
Storm Water Management Program  
Regional Work Plan  
Colorado River Basin Region 7**

**Fiscal Year  
2007-2008**

**CTSW-RT-07-182-4.2**



**California Department of Transportation  
Division of Environmental Analysis  
Storm Water Management Program  
2829 Juan Street, San Diego, California 92110  
<http://www.dot.ca.gov/hq/env/stormwater>**

**April 1, 2007**





For individuals with sensory disabilities, this document is available in alternate formats upon request. Please call or write to the Storm Water Liaison, Caltrans Division of Environmental Analysis, P.O. Box 942874, MS-27, Sacramento, CA 94274-0001, (916) 653-8896 Voice, or dial 711 to use a relay service.



**California Department  
of Transportation  
District 11**

**Approval**

***Regional Work Plan 2007/2008***

***California Regional Water Quality Control Board  
Colorado River Basin Region 7***

***April 1, 2007***

---

***California Department of Transportation District 11***

---

Charles "Muggs" Stoll  
Chief Deputy Capital Delivery

---

Date

---

Bill Valle  
Chief Deputy Maintenance and Operations

---

Date

---

Mike McManus  
Deputy District Director Maintenance – Support, Minor Programs

---

Date

---

Susanne Glasgow  
Deputy District Director Environmental

---

Date

---

Gary Vettese  
Deputy District Director Engineering

---

Date

---

Armando Garcia  
Deputy District Director Construction

---

Date

---

Marcelo Peinado  
Deputy District Director Design

---

Date

---

Laurie Berman  
Corridor Project Director- SR125 South (Toll)

---

Date

---

Gustavo Dallarda  
Corridor Project Director-I-15 Managed Lanes

---

Date

---

Joel Haven  
Corridor Project Director-I-805/SR-52/I-5 South Bay

---

Date

---

Allan Kosup  
Corridor Project Director- SR76/I-5 North Coast

---

Date

**California Department of Transportation  
District 11 Certification**

**Regional Work Plan 2007-2008**

**California Regional Water Quality Control Board  
Colorado River Basin Region 7**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

---

**Pedro Orso-Delgado  
District 11**

**Date**





## CONTENTS

|     |  |     |
|-----|--|-----|
| 1.0 | Introduction .....                             | 1-1 |
| 2.0 | Department Personnel and Responsibilities..... | 2-1 |
| 3.0 | District Facilities and Water Bodies .....     | 3-1 |
| 4.0 | High-Risk Areas.....                           | 4-1 |
| 5.0 | Implementation Activities .....                | 5-1 |
| 6.0 | Total Maximum daily loads .....                | 6-1 |

## TABLES

|            |   |     |
|------------|---|-----|
| Table 2–1: | District 11 Department Storm Water Personnel and Responsibilities .....             | 2-5 |
| Table 2–2: | District 11 Signatory Authority for Key Documents .....                             | 2-6 |
| Table 3–1: | District 11 Facilities .....  | 3-1 |
| Table 4–1: | District 11 High-Risk Areas.....  | 4-1 |
| Table 5–1: | District 11 Anticipated Project Development/Construction Schedule.....              | 5-3 |
| Table 5–2: | District 11 Anticipated Maintenance Activities and Other Management Practices ..... | 5-5 |
| Table 5–3: | District 11 General Management Practices.....                                       | 5-6 |
| Table 6–1: | District 11 TMDL Notifications and Planned Actions .....                            | 6-1 |

## FIGURES

|             |  |     |
|-------------|--|-----|
| Figure 2–1: | District 11 Organizational Chart .....     | 2-7 |
| Figure 3–1: | District 11 RWQCB and H.U. Boundaries..... | 3-2 |



## **1.0 INTRODUCTION**

### ***General Information about this Regional Work Plan (RWP)***

The Regional Work Plan (RWP) provides region-specific information for District 11, Region 7's water bodies, Best Management Practices (BMPs), and monitoring programs. The purpose of the RWP is to describe how the California Department of Transportation (Department) will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2007-2008 as required by the *Department Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

### ***Goals and Commitments***

The District continues to implement the storm water program. The bi-weekly rainy season critical meetings modification has resulted in a more efficient meeting and ensures that every deficiency, however minor, will be rectified. The NPDES Unit staff have now better defined tasks so that any inquiry results in a fast and accurate response. The tracking conducted by the unit will continue but will be reviewed often to ensure it is accurate and effective in tracking various Division's products.

### ***Major Changes***

One of the major changes underway is improving the interaction between the NPDES staff and other units. Since the District is now housed in one large complex, staff's communications are expedient and having Design, ROW, Maintenance, Construction and other functional units near by ensures that all personnel can participate in discussions/decisions and as projects move to construction; the plans are better produced for the contractor and the resident engineer.

### ***Documentation***

The District tracks the production and submittal of various documents for Design, Construction and Maintenance Divisions. They consist of the Facility Pollution Prevention Plans (FPPPs); Notices of Non-Compliance (NONC); Notices of Construction (NOCs); Notices of Construction Completion (NOCCs); Notices of Soil Reuse with Aerially Deposited Lead (ADL); Reports of Illicit Connection/Discharge (IC/ID); Pre-construction meetings, trainings for all divisions regarding storm water and bi-weekly meetings. Most of the information is tracked in the access database while others are tracked by construction and submitted to the NPDES unit routinely.



## **2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES**

### ***District Program Manager***

The NPDES Program Manager is a senior level position in charge of all storm water activities in the District. The Manager is responsible for establishing an effective storm water program and maintaining open communication with Headquarters and District management and legal staff. The Program Manager provides support, direction, and guidance to the District NPDES Coordinator and the Route Managers. The NPDES Program Manager supervises staff (Route Managers), which support the District NPDES Program. The responsibilities of the District Storm Water Program Manager include:

- Directing District operations regarding storm water
- Ensuring District efforts achieve compliance with the NPDES permit
- Being the District signatory authority for all compliance documents and commitments regarding storm water.
- Being the contact person between the District and Municipalities in regards to Storm Water issues.
- Ensuring compliance with Consent Decree requirements and commitments.
- Ensuring accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Being the contact person between the District and the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other regulatory agencies regarding Storm Water.
- Active involvement in municipal coordination with other storm water co-permittees (municipalities and other regulated entities)
- Proposing, developing, and managing storm water monitoring programs, in coordination with the Headquarters Division of Environmental Analysis, Storm Water Program.

### ***District Storm Water Coordinator***

Under the general direction of the District NPDES Program Manager, the NPDES Coordinator is responsible for the development of District storm water quality policies. The NPDES Coordinator is responsible for identifying issues and developing recommendations related to storm water quality while effectively working with affected units. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.

- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, Consent Decree, SWMP, and RWP are implemented properly.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.
- Assist in development of Storm Water training programs.
- Ensure the district is in compliance with all Consent Decree submittals

## **Route Managers**

Under the general direction of the District NPDES Coordinator, the Route Managers are engineers responsible for ensuring compliance with the District storm water quality policies. The specific storm water tasks for which the Route Managers are responsible include the following:

- Reviews adequacy of Storm Water Data Reports for all District projects as required by the Project Planning and Design Guide.
- Working participant in preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs) and Water Pollution Control Plans (WPCPs).
- Working participant in preparation of contract plans, specifications, and estimates (PS&E) to address temporary Best management Practices (BMPs).
- Prepares or aid in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.
- Ensure adequate preparation of the Notification of Construction and other RWQCB notifications as required by the Permit.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).
- Review of encroachment permit applications to ensure compliance with Storm Water requirements.

## ***Maintenance Coordinator***

The Maintenance Storm Water Coordinator is responsible for communicating with Maintenance management and staff level regarding the proper implementation of maintenance related sections of the SWMP and RWP. The specific storm water tasks for which the Maintenance Coordinator is responsible include the following:

- Oversight of maintenance activities to ensure compliance with Storm Water Permit, Consent Decree and SWMP.
- Conducts Facility Pollution Prevention Plan (FPPP) inspections and preparation of report for submittal to Consent Decree Plaintiffs and applicable RWQCB.

- District representative to the Maintenance SWAT
- Oversees Vegetation Control Plan (VCP) compliance and preparation as required by the Permit, ensures adequate submittal to regulatory agencies.
- Review of District projects to ensure maintainability of storm water measures upon completion of construction.
- Coordinates all Storm Water training for Maintenance Personnel
- Point of contact for Maintenance related activities with regulatory agencies.
- Prepare and submit Illicit Connection/Discharge Reports to the District NPDES Coordinator
- Reviews Storm Water Data Reports to ensure compliance with Maintenance requirements

### ***Construction Coordinator***

Under the general direction of the Division of Construction Deputy, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The specific tasks for which the CSWC will be responsible include:

- Working as the primary point of contact for storm water issues during the construction phase.
- Developing and administering storm water training for Construction staff.
- Reviewing Storm Water Pollution Prevention Plans (SWPPP) and Water Pollution Control Plans (WPCPs).
- Conducting final project closeout inspections to ensure compliance with the Notice of completion of Construction (NOCCs) submittals.
- Submitting approved SWPPPs and other reports to the RWQCBs as requested.
- Providing oversight inspections for Construction projects.
- Preparing and submitting Notice of Non-Compliance (NONCs).
- Preparing and submitting Illicit Connection/Discharge Reports for Construction projects to the District NPDES Coordinator
- Representing Construction in the District's SWAT Meetings.
- Providing input to the Annual Report and other consent decree reports.
- Ensuring that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented.
- Serving as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff.

- Supporting the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.
- Reviews Storm Water Data Reports to ensure compliance with construction requirements

In compliance with Permit Section M.10.b, the following individuals/positions listed in Table 2–2 are authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Storm Water Program.

Portions of Caltrans District 11 fall within the jurisdiction of the Colorado River Basin Regional Water Quality Control Board (CRB-RWQCB). An organizational chart for the Colorado River Basin Region's Storm Water responsibilities is shown in Figure 2–1. Staff members responsible for implementing the SWMP within CRBRWQCB jurisdiction are listed in Table 2–1. Delegation of signatory authority for key Permit/SWMP required documents is included in Table 2–2.



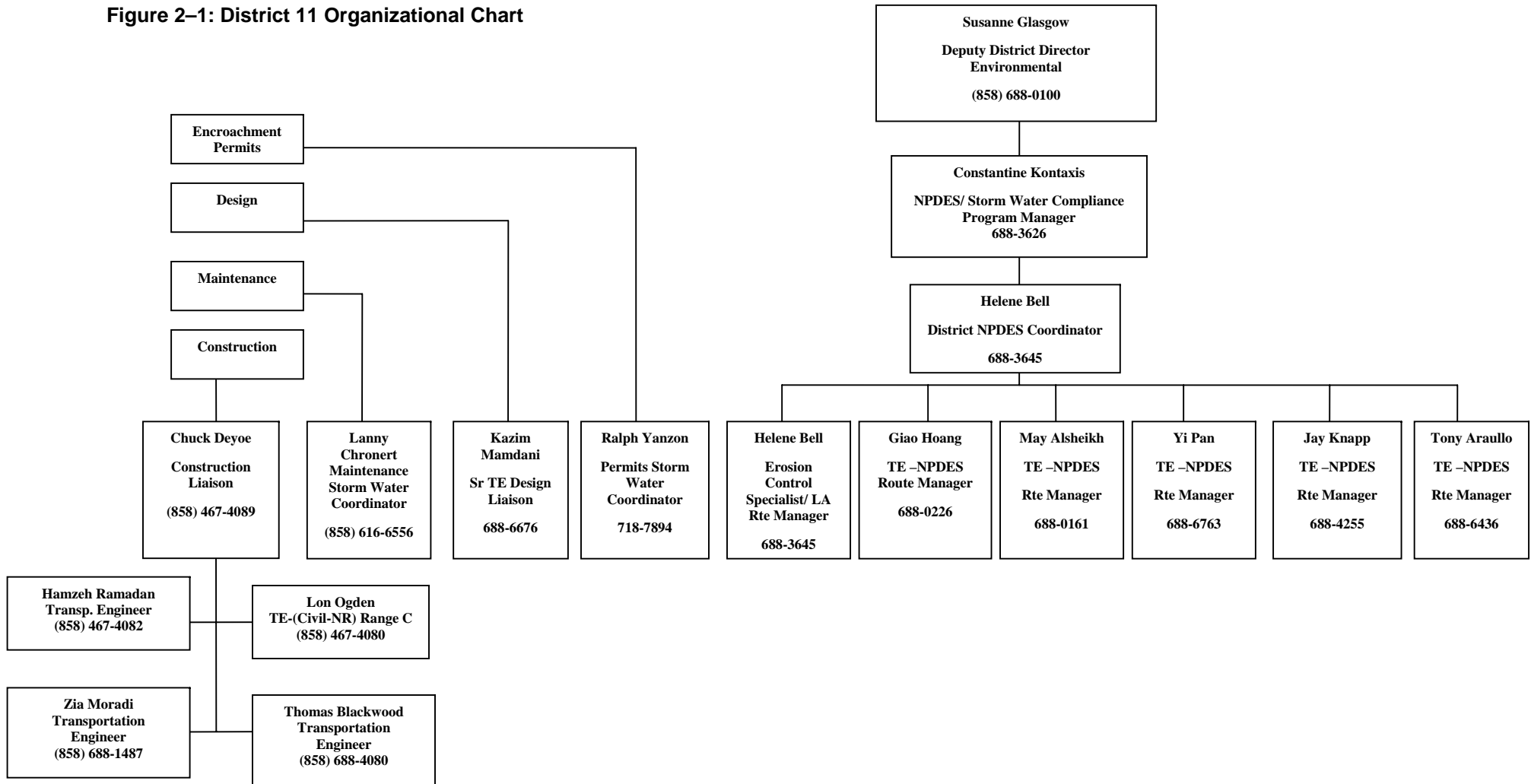
**Table 2–1: District 11 Department Storm Water Personnel and Responsibilities**

| <b>Staff Name</b>          | <b>Title</b>          | <b>Phone No.</b> | <b>E-mail</b>                   | <b>Responsibility</b>   |
|----------------------------|-----------------------|------------------|---------------------------------|---|
| Constantine (Con) Kontaxis | NPDES Program Manager | (619) 688-3626   | Constantine.Kontaxis@dot.ca.gov | All District Documents except Regional Work Plan  |
| Helene Bell                | NPDES Coordinator     | (619) 688-3645   | Helene.Bell@dot.ca.gov          | SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of IC/IDs, Notice of Soil Reuse with Aerially Deposited Lead (ADL) |
| May Alsheikh               | Route Managers        | (619) 688-0161   | May.Alsheikh@dot.ca.gov         | Storm Water Data Reports, 11 page estimates, log-ins  |
| Giao D Hoang               |                       | 619- 688-0226    | Giao.d.Hoang@dot.ca.gov         |   |
| Jay Knapp                  |                       | 619-688-4255     | Jay.C.Knapp@dot.ca.gov          |   |
| Tony Araullo               |                       | 619- 688-6436    | Antonio.Araullo@dot.ca.gov      |   |
| Yi Pan                     |                       | 619-688-6763     | Yi.Pan@dot.ca.gov               |   |

**Table 2–2: District 11 Signatory Authority for Key Documents**

| <b>Staff Name</b>          | <b>Title</b>   | <b>Phone No.</b> | <b>E-mail</b>                   | <b>Responsibility</b>   |
|----------------------------|--|------------------|---------------------------------|---|
| Pedro Orso-Delgado         | District Director  | (619) 688-6668   | Pedro.Orso-Delgado@dot.ca.gov   | All District Documents  |
| Susanne Glasgow            | Deputy District Director-Environmental                     | (619) 688-0100   | Susanne.Glasgow@dot.ca.gov      | All District Documents  |
| Constantine (Con) Kontaxis | NPDES Program Manager                                      | (619) 688-3626   | Constantine.Kontaxis@dot.ca.gov | All District Documents except Regional Work Plan  |
| Helene Bell                | NPDES Coordinator  | (619) 688-3645   | Helene.Bell@dot.ca.gov          | SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of IC/IDs, Notice of Soil Reuse with Aerially Deposited Lead (ADL) |
| various                    | Route Manager  |                  |                                 | Storm Water Data Reports, 11 page estimates, log-ins  |
| Chuck Deyoe                | Senior Landscape Architect, SWPPP Construction Coordinator | (858) 467-4089   | Chuck.Deyoe@dot.ca.gov          | SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification  |
| Lanny Chronert             | Maintenance Storm Water/Hazmat Coordinator                 | (619) 688-3329   | Lanny.Chronert@dot.ca.gov       | Facility Pollution Prevention Plans (FPPP), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/IDs  |

**Figure 2–1: District 11 Organizational Chart**





### 3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3–1. Maps showing the District boundaries, major roads and highways within the Colorado River Basin RWQCB jurisdiction are presented in the accompanying Figure 3–1.

**Table 3–1: District 11 Facilities**

| <b>RTE</b>                                       | <b>CO</b> | <b>PM</b> | <b>NAME</b>      | <b>DESCRIPTION</b>             |
|--|-----------|-----------|------------------|--------------------------------|
| <b>MAINTENANCE STATIONS</b>                      |           |           |                  |                                |
| 86   | IMP       | 8.5       | El Centro        | Highway Maintenance            |
| 78   | IMP       | 14.3      | Brawley          | Highway Maintenance            |
| 98   | IMP       | 56.6      | Midway           | Highway Maintenance            |
| 8  | San Diego | 66.5      | Boulevard        | Highway Maintenance            |
| <b>COMMERCIAL VEHICLE ENFORCEMENT FACILITIES</b> |           |           |                  |                                |
| 7  | IMP       | 0.1       | Calexico         | NB                             |
| 8  | IMP       | R89.5     | Winterhaven      | Westbound (WB)                 |
| <b>VISTA POINTS</b>                              |           |           |                  |                                |
| 8  | IMP       | 1         | Mountain Springs | Vista Point                    |
| <b>SAFETY ROADSIDE REST AREAS</b>                |           |           |                  |                                |
| 111  | IMP       | 29.4      | Two Rivers       | 2.5 mi. S of Calipatria        |
| 8  | IMP       | R31.2     | Sunbeam          | 6 mi. W of El Centro; EB & WB  |
| 8  | IMP       | 80.2      | Sand Hills       | 20 mi. W of Arizona State Line |

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP.



## 4.0 HIGH-RISK AREAS

This section describes and identifies locations where spills from the Department's owned ROW, activities, roadways, or facilities can discharge directly to a municipal or domestic water supply reservoir or a ground water recharge (percolation) facility. Projects that potentially drain to these areas consider project features that enhance spill response.

A list of high-risk areas within District 11 is presented in Table 4–1. High-risk areas (defined in the Section E.2 of the Permit) are areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the RWQCB and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facility, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

**Table 4–1: District 11 High-Risk Areas**

| Road Segment/<br>Facility                  | County | High-Risk Area | Description | Comments |
|--|--------|----------------|-------------|----------|
| There are no high risk areas in the region |        |                |             |          |





## **5.0 IMPLEMENTATION ACTIVITIES**

It is not possible to provide a list of activities that will be taking place for the coming year for maintenance. Maintenance activities are mainly driven by emergencies or unforeseen circumstances that trigger immediate attention.

### ***Goals and Commitments***

The District will ensure that we continue to inspect and clean drainage inlets as required. Treatment BMPs once completed will be under Maintenance's supervision and they will be inspected as required under the operation and maintenance requirements for treatment BMPs.

### ***Educational Efforts***

The District has been conducting several trainings for construction to ensure that staff understand and maintain the level necessary to implement an effective storm water program. Design training is being implemented by Headquarters; this ensures that training is consistent statewide. Additional day by day training is provided to staff by the route managers who in their capacity review, assess and assist designers in ensuring their project complies with storm water mandates.

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April. Table 5–1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “DSA”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are within a “High Risk Area,” designated as “HR”; and

- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5–1 is intended to facilitate early RWQCB staff input in the project-planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5–1.

Table 5–2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality; it provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s). Department DNCs or Maintenance Storm Water Coordinators will coordinate with the appropriate RWQCBs to discuss maintenance activities listed in the RWP.

Table 5–3 summarizes various program management activities that are part of the storm water pollution prevention program.

**Table 5–1: District 11 Anticipated Project Development/Construction Schedule**

| No. | SWMP Category* | EA #   | Co. | Rte | BK PM  | AH PM  | Description  | Water Bodies Impacted by Project | Land Disturbance Acreage | Criteria** | Anticipated Project Delivery Schedule |            | Construction Period |                 |
|-----|----------------|--------|-----|-----|--------|--------|--|----------------------------------|--------------------------|------------|---------------------------------------|------------|---------------------|-----------------|
|     |                |        |     |     |        |        |  |                                  |                          |            | PA&ED Date                            | PS&E Date  | Start Date          | Completion Date |
| 1   | C              | 68021  | IMP | 7   | 1.1    | 7      | Landscape Mitigation                                       | N/A                              |                          | DSA        | 1/3/2001                              | 10/4/2007  | 8/23/2008           | 5/23/2013       |
| 2   | C              | 263500 | IMP | 8   | R 96.2 | R 96.8 | Landscaping/Scenic Beautification                          | N/A                              |                          | DSA        | 4/1/2004                              | 7/3/2005   | 7/4/2005            | 12/18/2007      |
| 3   | C              | 24170K | IMP | 8   | R 83.8 | R 88.7 | Construct Port Of Entry                                    | N/A                              |                          | DSA        | 6/13/2004                             | 12/30/2005 | 10/7/2007           | 3/5/2008        |
| 4   | C              | 167881 | IMP | 78  | R 12.1 | R 15.2 | Construct Four-Lane Expressway And Interchange - (Stage 2) | N/A                              |                          | DSA        | 3/18/1993                             | 9/1/2006   |                     | 5/27/2012       |
| 5   | C              | 167891 | IMP | 78  | R 9.1  | R 11.7 | Construct 4-Lane Expressway (Stage 3)                      | N/A                              |                          | DSA        | 3/18/1993                             | 1/28/2009  | 11/9/2009           | 12/19/2011      |
| 6   | C              | 79600  | IMP | 8   | R 96.2 | R 96.8 | Highway Planting   | N/A                              |                          | DSA        | 1/3/2001                              | 7/16/2007  | 1/28/2008           | 7/19/2012       |
| 7   | C              | 79001  | IMP | 8   | R36.5  | R37.4  | Reconstruct Interchange                                    | N/A                              |                          | DSA        | 6/9/2004                              | 10/27/2007 | 2/15/2008           | 11/26/2012      |
| 8   | C              | 167874 | IMP | 78  | 15.3   | 15.8   | NR New Roue construct four-lane expressway                 | N/A                              |                          | DSA        | 3/18/1993                             | 2/3/2009   | 10/30/2009          |                 |
| 9   | C              | 167920 | IMP | 78  | 7.2    | 15.7   | Construct Four-Lane Expressway And Interchange - (Stage 2) | N/A                              |                          | DSA        | 2/28/2003                             |            | 9/24/2007           | 5/26/2008       |

### Table 5-1 Legend

\*SWMP Category is defined in Statewide Storm Water Management Plan (SWMP) Section 4.4.1, Table 4–3,

- (A) Beginning of project development process prior to approval of the PSR (Project Study Report)
- (B) PSR approved, but environmental documents are not final
- (C) Environmental documents final
- (D) Environmental documents final, designs complete and project in the construction phase of project delivery

Note: The most updated SWMP is dated insert new SWMP date. Therefore, the SWMP Categories A, B, C, and D are selected for the projects between the five years period of Year to Year from PID to CCA.

**\*\*Criteria:**

- DSA = Disturbed Soil Area is greater than 5 acres
- 303d = 303(d) listed water body within project limits and affected by project
- 401 = 401 Certification/waiver required
- HR = High Risk (Project limit within a high-risk area)

**Key:**

- EA = Expenditure Authorization
- CO-RTE-PM = County / Route / Post Mile
- SWPPP / WPCP = Storm Water Pollution Prevention Plan / Water Pollution Control Program
- Water Body = Water body impacted by project
- RB = Regional Water Quality Control Board
- PID = Project Initiation Document
- PA/ED = Project Approval / Environmental Document
- PS&E = Plans, Specifications, and Estimates
- RTL = Ready to List
- CCA = Construction Completion Acceptance
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP Section 4.4.2)

**Note:** All projects that do not require a SWPPP will require a WPCP.

**Table 5–2: District 11 Anticipated Maintenance Activities and Other Management Practices**

| <b>Significant Road Maintenance Activities (1)</b>  |              |           |                    |                              |                     |                   |                        |
|---|--------------|-----------|--------------------|------------------------------|---------------------|-------------------|------------------------|
| <b>County</b>   | <b>Route</b> | <b>PM</b> | <b>Description</b> | <b>Water Bodies Affected</b> | <b>Criteria (2)</b> | <b>Start Date</b> | <b>Completion Date</b> |
|   |              |           |                    |                              |                     |                   |                        |
| <b>Maintenance Facility and Activity Inspections</b>  |              |           |                    |                              |                     |                   |                        |
| The Maintenance Storm Water Coordinator continues to review all maintenance stations to ensure that they continue to implement effective BMPs. Inspection of all maintenance stations will be completed prior to beginning of October and will identify any deficiencies and provide a corrective action plan.  |              |           |                    |                              |                     |                   |                        |
| <b>Maintenance Facility BMP Improvements</b>  |              |           |                    |                              |                     |                   |                        |
| The District requires inspections to have a place to identify deficiencies if they exist. Any deficiencies identified are rectified in a timely manner and documented by either the Maintenance Coordinator or the facility supervisor.   |              |           |                    |                              |                     |                   |                        |
| <b>Maintenance BMP Actions/Modifications</b>  |              |           |                    |                              |                     |                   |                        |
| Maintenance forces will be having additional work by the treatment BMPs that have been under construction over the past years. As projects are completed, maintenance's responsibility reverts back to the District. Inspection frequency will be complied with as part of the O&M portion of the treatment BMPs SWDR.  |              |           |                    |                              |                     |                   |                        |
| <b>Vegetation Management and Vegetated Slope Management</b>   |              |           |                    |                              |                     |                   |                        |
| <p>The District's Vegetation Control Plan (VCP) for FY 2007-2008 is under development. The goal of the District's 2007-2008 VCP is to minimize the discharge of chemicals to receiving waters by reducing chemical use for vegetation control. The district VCPs are under development at this time. They include the following:</p> <ul style="list-style-type: none"> <li>• Type of chemical to be applied</li> <li>• Applications locations, frequency, amount totals</li> </ul> |              |           |                    |                              |                     |                   |                        |

**Table 5-2 Legend**

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.
- (2) Criteria:
- 401 = 401 Certification/Waiver required
  - DSA = Disturbed Soil Area is greater than 5 (5) acres
  - 303d = 303 (d) listed water body within project limits and affected by project
  - SEP = Supplemental Environmental Project
  - Retro = Storm Water Retrofit Project (SWMP Section Update with correct section #)
  - HR = Project limits within High Risk Area
  - RB = RWQCB designated project as a potential threat to water quality

**Table 5–3: District 11 General Management Practices**

|   |
|---|
| <b>Monitoring Activities</b>  |
| There are no planned monitoring sites in the region.  |
| <b>Construction Compliance Monitoring Program</b>   |
| The District continues to implement the critical job meetings during the rainy season. Projects are selected based on various factors such as soil disturbance, location of project, regulatory permits, etc. All SWPPPs are reviewed by the Construction Coordinator and continuous reviews and assistance take place during the year to ensure the District continues to implement an effective storm water program.  |
| <b>Training and Public Outreach</b>   |
| The District will continue to provide training for all divisions to ensure that staff continues to implement an effective program. Design training will cover basic storm water information as well as selection of BMPs and preparation of Storm Water Data Report and other documents prepared prior to PS&E of a project. Construction has several training sessions; some of the training is geared specifically to the work performed, dewatering, reviewing SWPPP or a WPCP, implementing erosion control measures, monitoring, etc. Maintenance will continue to provide training to ensure staff is familiar with applicable families and BMPs associated with various activities.  |
| <b>Municipal Coordination</b>   |
| <i>The District Storm Water Coordinator or the Program Manager participates in the Co-permittee meetings (SD municipalities and other regulated Districts). Municipal coordination is done at various levels; some projects require interaction during the design phase to ensure that storm water requirements are consistent with applicable permits and to ensure that maintenance responsibility and operations meets the guidelines established by all agencies. Construction coordination also takes place either by the Program manager or the participation of NPDES staff. The District works with municipalities in the detection and elimination of illicit discharges or connections that have been discovered within the Department right-of-way that are associated with a municipality's jurisdiction.</i> |
| <b>TMDL Coordination</b>  |
| <i>No TMDL activities have taken place.</i>   |
| <b>Storm Water Data Report (SWDR)</b>   |
| As required by the SWMP and the Project Planning and Design Guide, District 11 requires all projects to complete the applicable Storm Water Data Report. This is done even for projects that have local funding and are to be constructed under Caltrans oversight. Some projects comply with the requirement by submitting a comparable report as required by their municipality (SUSMP).  |
| <b>Encroachment Permit</b>  |
| The District enforces storm water requirements for all permits. Special Provisions are included as part of the permit process similar to our provisions for construction projects. The NPDES Unit reviews encroachment Permits (SWDR or applicable municipality requirement, and either a SWPPP or a WPCP depending on soil disturbance area).  |

## 6.0 TOTAL MAXIMUM DAILY LOADS

District NPDES staff continues to track established, or developing, total maximum daily loads (TMDLs) of various constituents. Discharges from the Department's rights-of-way and facilities may contain the constituents of which TMDLs are being developed. The Districts participate in stakeholder coordination meetings and workshops with local and State agencies on specific elements of TMDLs in the North Coast Region. Participation activities include addressing monitoring programs, BMP implementation, and TMDL implementation plan development. Table 6-1 below summarizes the activities that District 12 is currently undertaking, or plans to undertake, to achieve TMDLs for certain areas. Details are contained in the implementation documents submitted to each Regional Board.

**Table 6–1: District 11 TMDL Notifications and Planned Actions**

| <b>District</b> | <b>Regional Board</b>   | <b>Water Body</b> | <b>Pollutant</b>        | <b>Potential Planned Action (Status)</b>   |
|-----------------|-------------------------|-------------------|-------------------------|--|
| 11              | 7- Colorado River Basin | New River         | Pathogen                | No work has taken place. Not a named source <sup>1</sup>   |
| 11              | 7- Colorado River Basin | Alamo River       | Sediment/Siltation      | No work has taken place. Board determined point sources are only 0.1% of sediment contribution. <sup>2</sup> |
| 11              | 7- Colorado River Basin | New River         | Sedimentation/Siltation | No work has taken place.   |

<sup>1</sup>[http://www.waterboards.ca.gov/coloradoriver/tmdl/docs/NR\\_Path\\_Att1-2.pdf](http://www.waterboards.ca.gov/coloradoriver/tmdl/docs/NR_Path_Att1-2.pdf)

<sup>2</sup>[http://www.waterboards.ca.gov/coloradoriver/tmdl/docs/AR\\_SiltTMDL5-3-02.pdf](http://www.waterboards.ca.gov/coloradoriver/tmdl/docs/AR_SiltTMDL5-3-02.pdf)